

Carefully designed to improve productivity and drive down your cleaning cost

The Nilfisk SC500 walk-behind scrubber dryer is carefully designed to improve productivity and drive down your total cleaning costs. These significant benefits are achieved through more ease-of-use and technical features enabling daytime cleaning and the most effective use of water and detergent.

A reliable choice for cleaning companies, hospitals, schools, offices, supermarkets, shops, sports centers, restaurants, hotels, and production floors.




Productivity is taken to a new level by the automatic adjustment of the water/detergent solution flow according to the speed of the machine. By using this control, which ensures a consistent cleaning result and an optimized consumption of water and chemicals, the operator can focus on getting the job done. Cleaning costs are reduced due to several features. The sustainable Nilfisk Ecoflex system offers very flexible use of detergent, and also water-only cleaning, just by pushing a button. Also driving down costs is the opportunity to introduce more daytime cleaning due to the remarkably low sound level of the SC500.










Picture shown may not represent model quoted

- Ideal for daytime cleaning: Low noise Vac motor system running at just 60 ±3 dB(A)
- Consistent cleaning: Solution flow of detergent/water automatically controlled by speed
- Ease-of-use: Ergonomic drive paddle and informative display with One-Touch button and easy click on/off for the brush/padholder.
- Settings effectively controlled: Separate Super user and Operator key
- Easy handling: Plastic light squeegee with patented elastic strap system
- Sustainable: Ecoflex system with flexible detergent setting and water-only cleaning
- Effective: 53cm scrubbing width and automatic brush speed control to save energy
- User friendly: Electric motor to lower/raise brush deck with One-Touch button
- Productive: 45/45L water tanks and up to 5 hours of running time in light applications
- One year commercial warranty

• Standard equipment

Included accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SC500 53D NIL LITHIUM-ION X BR
Ecoflex System					
 ECOFLEX DETERGENT KIT SC500	910002395	1	•		•
Pad Holder					
 PAD HOLDER 21 530MM	9099671000	1			
Disc Brush 530 mm					
 BRUSH DISC 530MM 21 PROLENE BLUE	L08837025	1			
Squeegee Blade					

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Included accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SC500 53D NIL LITHIUM-ION X BR
 BLADES SQUEE. 700MM 28 GUM RUBBER KIT	9100000810	1			
Battery					
 BATT. 12V-105AH GEL	80564400	2	•		
 battery, 24V , Li-ion 7s20p	106479002	0			•
Other					
 HOSE FILLING SIP	9100000703	1	•	•	•
 SMART KEY-SUPERVISOR	56116519	1	•	•	•
 SMART KEY-USER	56116518	1	•	•	•
 TRAY DEBRIS KIT	9100000795	1			

Model	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SC500 53D NIL LITHIUM-ION X BR
Ref. no.	9087400020	9087401020	CM9087401020-09

PRODUCT FEATURES	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SC500 53D NIL LITHIUM-ION X BR
Battery version	•	•	•
Click on-off brush	•	•	•
One-Touch™ control panel	•	•	•
Debris tray	•	•	•
Ecoflex prepared	•	•	•
Lithium ion battery	•	•	•
Squeezable drain hose with flow control	•	•	•
Delivered ready to use (full package)	•	•	•
SmartKey system	•	•	•



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PRODUCT FEATURES










Filling hose	•	•	•
Squeegee	•	•	•
SmartFlow system	•	•	•
TrackClean ready	•	•	•
Traction drive	•	•	•
Nilfisk SilenTech™	•	•	•

Technical specifications	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SC500 53D NIL LITHIUM-ION X BR
Max. running time (hour)	5 HOURS	5 HOURS	3 HOURS
Max. speed (km/h)	5	5	5
Number of batteries			1,2 or 3
Voltage (V)	24	24	24
IP protection class	X4	X4	X4
Insulation class	I	III	I
Rated power (W)	930	930	930
Brush motor (W)	450	450	450
Vacuum motor power (W)	280	280	280
Productivity theoretical/actual (m ² /h)	2650/1590	2650/1590	2650/1590
Scrubbing width (mm)	530	530	530
Min. aisle turn (cm)	130	130	130
Max. climbing rate (%)	2	2	2
Solution flow (cl/m)	0.75/1.5/3	0.75/1.5/3	0.75/1.5/3
Solution/recovery tank (L)	45/45	45/45	45/45
Squeegee width (mm)	720	720	720
Brush/pad diameter (mm)	530/508	530/508	530/508
Brush pressure (kg)	15/30	15/30	15/30
Brush speed (RPM)	155	155	155
Brush quantity and type	1 Disc	1 Disc	1 Disc
Length x width x height (mm)	1277x720x1063	1277x720x1063	1277x720x1063
Battery compartment size (L x W x H) (mm)	350x350x260	350x350x260	350x350x260
Gross weight (gvw) (kg)	207	207	184.4
Net weight (kg)	85	83	83
Shipping weight (kg)	192	114	161
Vibration level at the operator's body (m/s ²)	<2.5	<2.5	<2.5











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Technical specifications	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SC500 53D NIL LITHIUM-ION X BR
Batteries			60Ah 24V Nilfisk Lithium-ion module (s)
Sound level (IEC60335-2-72)	63 (60) ±3	63 (60) ±3	63 (60) ±3












● Standard equipment, ○ Supplementary accessories, □ Mountable equipment

Accessories	Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SC500 53D NIL LITHIUM-ION X BR
Pad 20" / 508 mm					
 PAD 20 508MM ECO BLACK	10001955	1	○	○	○
 PAD 20 508MM ECO BLUE	10001956	1	○	○	○
 PAD 20 508MM ECO BROWN	10001957	1	○	○	○
 PAD 20 508MM ECO GREEN	10001958	1	○	○	○
 PAD 20 508MM ECO RED	10001959	1	○	○	○
 PAD 20 508MM ECO WHITE	10001960	1	○	○	○
Special Pad					
 PAD 20 508MM ECO	10002349	1	○	○	○
 PAD 20 508MM ECO	10002350	1	○	○	○
 PAD 20 508MM ECO	10002351	1	○	○	○











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	PAD 20 508MM ECO BRILLIANCE RED 2PCS	10002348	1	○	○	○
Ecoflex System						
	ECOFLEX BOTTLE ASSY	56104190	1	○	○	○
	ECOFLEX DETERGENT KIT SC500	9100002395	1	●	□	●
External Charger						
	CHARGER HF 24V 10A SB120R	80512410	1	○	○	
Battery						
	BATT. 12V-76AH GEL MONOBLOC	80564310	2	○	○	
	BATT. 12V-105AH GEL	80564400	2	●	○	
	BATT. 12V-110AH WET	80564600	2	○	○	
	battery, 24V , Li-ion 7s20p	106479002	0			●
Pad Holder						
	PAD HOLDER 21 530MM	9099671000	1			
	PAD HOLDER BRISTLE 20 530MM CPL	L08837018	1	○	○	○
Other						


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Accessories		Ref. no.	Min. required	SCRUBBER SC500 53 B FULL PKG	SCRUBBER SC500 53 B	SC500 53D NIL LITHIUM-ION X BR
	AUTOMATIC WATER FILLING KIT	9100000005	1	○	○	○
	FILTER ANTIFOAMING	909 5065 000	1	○	○	○
	HIGH POWER VACUUM MOTOR 24V 450W KIT	9100000491	1	○	○	○
	HOSE FILLING SIP	9100000703	1	●	●	●
	MOP AND TRASH KIT	9100002280	1	□	□	□
	SMART KEY-SUPERVISOR	56116519	1	●	●	●
	SMART KEY-USER	56116518	1	●	●	●
	TRAY DEBRIS KIT	9100000795	1			
	USB PORT KIT SC500	9100002403	1	□	□	□
Disc Brush 530 mm						
	AGLITE GRIT 500 BRUSH	L08837067	1	○	○	○
	BRUSH DISC 530MM 21 DYNA GRIT 80	L08837066	1	○	○	○
	BRUSH DISC 530MM 21 GRIT 180 GREY	L08837028	1	○	○	○

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	BRUSH DISC 530MM 21 MID GRIT 240	L08837029	1	○	○	○
	BRUSH DISC 530MM 21 PROLENE BLUE	L08837025	1			
	BRUSH DISC 530MM 21 PROLITE BLUE	L08837026	1			
	BRUSH MAGNA GRIT 46	L08837065	1	○	○	○
	BRUSH UNION MIX 530MM	L08837027	1			
Squeegee Blade						
	BLADE SQUEEGEE 730MM 29	910000060	1	○	○	○
	BLADE SQUEEGEE 730MM 29	910000490	1	○	○	○
	BLADES SQUEE. 700MM 28 GUM RUBBER KIT	9100000810	1			
Splash Guard						
	SPLASH GUARD CPL F	9100001441	1	○	○	○
Accessory Kit						
	WHEEL CASTOR D.80 SS	9100001581	1	□	□	□
On-Board Charger						

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	CHARGER BATT O/B JP 24V 13A 100-240V KIT	9100001710	1		□	□